

Catalog	Unit
TBI3910 - 10MG	10 mg
TBI3910 - 50MG	50 mg

### Product Details

**Formal Name:** 4-(3-(4-Cyano-3-(trifluoromethyl)phenyl)-5,5-dimethyl-4-oxo-2-thioxoimidazolidin-1-yl)-2-fluoro-N-methylbenzamide

**Alternate Names:** MDV3100; ASP-9785

**Molecular Formula:** C<sub>21</sub>H<sub>16</sub>F<sub>4</sub>N<sub>4</sub>O<sub>2</sub>S

**Formula Weight:** 464.4

**CAS Number:** 915087-33-1

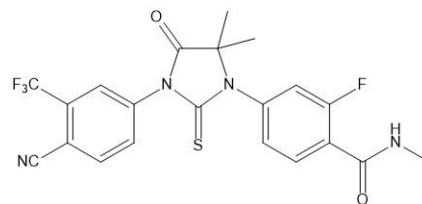
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml)

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

Androgen receptor antagonist

### Functions

Enzalutamide (915087-33-1) is a clinically useful non-steroidal antiandrogen (IC<sub>50</sub> = 36 nM) for the treatment of castration-resistant prostate cancer. It impairs binding of the androgen receptor to DNA, the recruitment of co-activators, and reduces the efficiency of nuclear translocation.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

### Relative Products

TBI1170	Mitomycin C
TBI1345	E64, Cysteine protease inhibitor
TBI1347	E64d, Cysteine protease inhibitor
TBI2064	Chromomycin A3
TBI2069	Cytochalasin B
TBI2794	5-EDU, DNA Click labeling probe
TBI2071	Cytochalasin D
TBI1286	Bestatin, Aminopeptidase inhibitor
TBI2140	Gemcitabine
TBI2058	Aphidicolin, DNA polymerase Inhibitor

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